



Author index

Volume 86 (1996)

-
- | | | |
|--------------------------|---------------------------|------------------------|
| Allen, R.G. 86, 151 | Hiremath, A.N. 86, 11 | Oda, N. 86, 105 |
| Barbieri, D. 86, 173 | Hoffman, B.B. 86, 11 | Ogamo, A. 86, 27 |
| Barja, G. 86, 53 | Iguchi, H. 86, 67 | Ortolani, C. 86, 173 |
| Bell, W. 86, 1 | Ishibashi, S. 86, 105 | Ozaki, N. 86, 105 |
| Belmonte, S. 86, 75 | Kaiser, F.E. 86, 39 | Paganelli, R. 86, 173 |
| Bender, B.S. 86, 1 | Keogh, B.P. 86, 151 | Pamplona, R. 86, 53 |
| Bersani, F. 86, 173 | Kinoshita, M. 86, 145 | Pelletier, J. 86, 115 |
| Bertini, F. 86, 75 | Kojo, S. 86, 67 | Perry, H.M. 86, 39 |
| Béliveau, R. 86, 115 | Kraenzle, D. 86, 39 | Pérez-Campo, R. 86, 53 |
| Cadenas, S. 86, 53 | Kreutter, D.K. 86, 39 | Possek, S. 86, 197 |
| Castellani, G. 86, 173 | Kuroda, N. 86, 27 | Prat, J. 86, 53 |
| Chin, J.H. 86, 11 | Kurokawa, T. 86, 105 | |
| Cossarizza, A. 86, 173 | Link, T.A. 86, 197 | Rojas, C. 86, 53 |
| Cottey, R. 86, 1 | Londei, M. 86, 173 | Sansoni, P. 86, 173 |
| Cristofalo, V.J. 86, 151 | López Torres, M. 86, 53 | Sato, E. 86, 105 |
| De la Fuente, M. 86, 83 | Marikovsky, Y. 86, 137 | Schäfer, S. 86, 197 |
| Desrosiers, R.R. 86, 115 | Mhaskar, Y. 86, 161 | Shinozuka, T. 86, 27 |
| Dunaway, G.A. 86, 161 | Miyata, Y. 86, 27 | Sosa, M.A. 86, 75 |
| Edwards, B.J. 86, 39 | Miyazawa, T. 86, 145 | Stevenson, R.W. 86, 39 |
| Fagiolo, U. 86, 173 | Mizuno, T. 86, 95 | Suzuki, T. 86, 145 |
| Ferrández, M.D. 86, 83 | Monti, D. 86, 173 | Takei, S. 86, 27 |
| Franceschi, C. 86, 173 | Morley, J.E. 86, 39 | Taylor, S. 86, 1 |
| Fujimoto, K. 86, 145 | Müller-Höcker, J. 86, 197 | Tokumaru, S. 86, 67 |
| Hammer, C. 86, 197 | Nakagawa, Y. 86, 27 | Tresini, M. 86, 151 |
| Hashimoto, S.-i. 86, 105 | Nakano, M. 86, 95 | Yanagida, J. 86, 27 |
| | | Yoshida, R. 86, 27 |

1. Introduction

2. Methodology

3. Results

4. Discussion

References

Appendix

Table 1. Summary of data sources and sample characteristics.

Table 2. Descriptive statistics for the study variables.

Table 3. Correlation matrix of the study variables.

Table 4. Regression results for the study variables.

Table 5. Mediation analysis results for the study variables.

Table 6. Moderation analysis results for the study variables.

Table 7. Sensitivity analysis results for the study variables.

Table 8. Robustness analysis results for the study variables.

Table 9. Generalizability analysis results for the study variables.

Table 10. Limitations and future research directions.

Table 11. Acknowledgments and funding sources.

Table 12. Author contributions and contact information.

Table 13. Declaration of interest and conflict of interest.

Table 14. Data availability statement and access information.

Table 15. Ethics approval and informed consent.

Table 16. Supplementary materials and additional resources.



Subject index

Volume 86 (1996)

- Ageing;** Hydroperoxide; Lipid peroxidation; Radical reaction (Mouse) **86, 67**
- Ageing;** Antibody-dependent cellular cytotoxicity; Natural killer; Exercise; Mice; Sex **86, 83**
- Ageing;** *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Gene expression; Protein kinase C; MAP kinase; Proliferative senescence **86, 151**
- Ageing;** Carboxyl methylation; Methyltransferase; Kidney cortex; Development **86, 115**
- Ageing;** Erythrocyte; Cytoskeleton; Shape; ATP-depletion **86, 137**
- Ageing;** G proteins; Vascular relaxation; B-adrenergic receptors **86, 11**
- Ageing;** Longevity; Centenarians; CD45; T lymphocytes; Immune memory **86, 173**
- Ageing;** Longevity; Mitochondria; Free radicals; Fatty acids; Unsaturation; Lipid peroxidation; Membranes; Liver **86, 53**
- Ageing;** Microdialysis; Neurotransmitter metabolism; Dopamine; Rat striatum; Sexual maturation **86, 95**
- Ageing;** Red blood cells; Phosphatidylcholine hydroperoxide; Phosphatidylethanolamine hydroperoxide **86, 145**
- Ageing;** Temperature; Immunology; Infection; Pneumonia; Hypothermia; Influenza **86, 1**
- Antibody-dependent cellular cytotoxicity;** Natural killer; Aging; Exercise; Mice; Sex **86, 83**
- Antioxidants;** *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Gene expression; Protein kinase C; MAP kinase; Proliferative senescence; Aging **86, 151**
- ATP-depletion;** Erythrocyte; Cytoskeleton; Shape; Aging **86, 137**
- B-adrenergic receptors;** Aging; G proteins; Vascular relaxation **86, 11**
- c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Gene expression; Protein kinase C; MAP kinase; Proliferative senescence; Aging **86, 151**
- Carboxyl methylation;** Methyltransferase; Kidney cortex; Development; Aging **86, 115**
- CD45;** Aging; Longevity; Centenarians; T lymphocytes; Immune memory **86, 173**
- Cell aging;** Respiratory chain; Defects of complex III-V; Immunohistochemistry; Ultracytochemistry; Monkey **86, 197**
- Centenarians;** Aging; Longevity; CD45; T lymphocytes; Immune memory **86, 173**
- Cytoskeleton;** Erythrocyte; Shape; ATP-depletion; Aging **86, 137**
- Defects of complex III-V;** Respiratory chain; Cell aging; Immunohistochemistry; Ultracytochemistry; Monkey **86, 197**

- Development;** Carboxyl methylation; Methyltransferase; Kidney cortex; Aging 86, 115
- Dopamine;** Microdialysis; Aging; Neurotransmitter metabolism; Rat striatum; Sexual maturation 86, 95
- En(a-) red blood cell;** Red blood cell ageing; Lectin receptor 86, 27
- Energy metabolism;** 6-phosphofructo-1-kinase; Postnatal development; Metabolic regulation; Protein synthesis; mRNA 86, 161
- Erythrocyte;** Cytoskeleton; Shape; ATP-depletion; Aging 86, 137
- Exercise;** Antibody-dependent cellular cytotoxicity; Natural killer; Aging; Mice; Sex 86, 83
- Fatty acids;** Aging; Longevity; Mitochondria; Free radicals; Unsaturation; Lipid peroxidation; Membranes; Liver 86, 53
- Free radicals;** Aging; Longevity; Mitochondria; Fatty acids; Unsaturation; Lipid peroxidation; Membranes; Liver 86, 53
- Gene expression;** *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Protein kinase C; MAP kinase; Proliferative senescence; Aging 86, 151
- G proteins;** Aging; Vascular relaxation; B-adrenergic receptors 86, 11
- Hydroperoxide;** Ageing; Lipid peroxidation; Radical reaction (Mouse) 86, 67
- Hypothermia;** Temperature; Aging; Immunology; Infection; Pneumonia; Influenza 86, 1
- Immune memory;** Aging; Longevity; Centenarians; CD45; T lymphocytes 86, 173
- Immunohistochemistry;** Respiratory chain; Cell aging; Defects of complex III-V; Ultracytochemistry; Monkey 86, 197
- Immunology;** Temperature; Aging; Infection; Pneumonia; Hypothermia; Influenza 86, 1
- Infection;** Temperature; Aging; Immunology; Pneumonia; Hypothermia; Influenza 86, 1
- Influenza;** Temperature; Aging; Immunology; Infection; Pneumonia; Hypothermia 86, 1
- Kidney cortex;** Carboxyl methylation; Methyltransferase; Development; Aging 86, 115
- Lectin receptor;** Red blood cell ageing; En(a-) red blood cell 86, 27
- Lipid peroxidation;** Ageing; Hydroperoxide; Radical reaction (Mouse) 86, 67
- Lipid peroxidation;** Aging; Longevity; Mitochondria; Free radicals; Fatty acids; Unsaturation; Membranes; Liver 86, 53
- Liver;** Aging; Longevity; Mitochondria; Free radicals; Fatty acids; Unsaturation; Lipid peroxidation; Membranes 86, 53
- Longevity;** Aging; Centenarians; CD45; T lymphocytes; Immune memory 86, 173
- Longevity;** Aging; Mitochondria; Free radicals; Fatty acids; Unsaturation; Lipid peroxidation; Membranes; Liver 86, 53
- mRNA;** 6-phosphofructo-1-kinase; Postnatal development; Energy metabolism; Metabolic regulation; Protein synthesis 86, 161
- MAP kinase;** *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Gene expression; Protein kinase C; Proliferative senescence; Aging 86, 151
- Membranes;** Aging; Longevity; Mitochondria; Free radicals; Fatty acids; Unsaturation; Lipid peroxidation; Liver 86, 53
- Metabolic regulation;** 6-phosphofructo-1-kinase; Postnatal development; Energy metabolism; Protein synthesis; mRNA 86, 161
- Methyltransferase;** Carboxyl methylation; Kidney cortex; Development; Aging 86, 115
- Mice;** Antibody-dependent cellular cytotoxicity; Natural killer; Aging; Exercise; Sex 86, 83
- Microdialysis;** Aging; Neurotransmitter metabolism; Dopamine; Rat striatum; Sexual maturation 86, 95

Mitochondria; Aging; Longevity; Free radicals; Fatty acids; Unsaturation; Lipid peroxidation; Membranes; Liver 86, 53

Monkey; Respiratory chain; Cell aging; Defects of complex III-V; Immunohistochemistry; Ultracytochemistry 86, 197

N-acetyl cysteine; *c-fos*; Nordihydroguaiaretic acid; Antioxidants; Gene expression; Protein kinase C; MAP kinase; Proliferative senescence; Aging 86, 151

Natural killer; Antibody-dependent cellular cytotoxicity; Aging; Exercise; Mice; Sex 86, 83

Neurotransmitter metabolism; Microdialysis; Aging; Dopamine; Rat striatum; Sexual maturation 86, 95

Nordihydroguaiaretic acid; *c-fos*; *N*-acetyl cysteine; Antioxidants; Gene expression; Protein kinase C; MAP kinase; Proliferative senescence; Aging 86, 151

Oxidative stress; Senescence-accelerated mouse (SAM); SAMP8; SAMR1; Reactive oxygen 86, 105

6-phosphofructo-1-kinase; Postnatal development; Energy metabolism; Metabolic regulation; Protein synthesis; mRNA 86, 161

Phosphatidylcholine hydroperoxide; Red blood cells; Aging; Phosphatidylethanolamine hydroperoxide 86, 145

Phosphatidylethanolamine hydroperoxide; Red blood cells; Aging; Phosphatidylcholine hydroperoxide 86, 145

Pneumonia; Temperature; Aging; Immunology; Infection; Hypothermia; Influenza 86, 1

Postnatal development; 6-phosphofructo-1-kinase; Energy metabolism; Metabolic regulation; Protein synthesis; mRNA 86, 161

Proliferative senescence; *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Gene expression; Protein kinase C; MAP kinase; Aging 86, 151

Protein kinase C; *c-fos*; Nordihydroguaiaretic acid; *N*-acetyl cysteine; Antioxidants; Gene ex-

pression; MAP kinase; Proliferative senescence; Aging 86, 151

Protein synthesis; 6-phosphofructo-1-kinase; Postnatal development; Energy metabolism; Metabolic regulation; mRNA 86, 161

Radical reaction (Mouse); Ageing; Hydroperoxide; Lipid peroxidation 86, 67

Rat striatum; Microdialysis; Aging; Neurotransmitter metabolism; Dopamine; Sexual maturation 86, 95

Reactive oxygen; Senescence-accelerated mouse (SAM); SAMP8; SAMR1; Oxidative stress 86, 105

Red blood cell ageing; En(a-) red blood cell; Lectin receptor 86, 27

Red blood cells; Aging; Phosphatidylcholine hydroperoxide; Phosphatidylethanolamine hydroperoxide 86, 145

Respiratory chain; Cell aging; Defects of complex III-V; Immunohistochemistry; Ultracytochemistry; Monkey 86, 197

SAMP8; Senescence-accelerated mouse (SAM); SAMR1; Reactive oxygen; Oxidative stress 86, 105

SAMR1; Senescence-accelerated mouse (SAM); SAMP8; Reactive oxygen; Oxidative stress 86, 105

Senescence-accelerated mouse (SAM); SAMP8; SAMR1; Reactive oxygen; Oxidative stress 86, 105

Sex; Antibody-dependent cellular cytotoxicity; Natural killer; Aging; Exercise; Mice 86, 83

Sexual maturation; Microdialysis; Aging; Neurotransmitter metabolism; Dopamine; Rat striatum 86, 95

Shape; Erythrocyte; Cytoskeleton; ATP-depletion; Aging 86, 137

Temperature; Aging; Immunology; Infection; Pneumonia; Hypothermia; Influenza 86, 1

T lymphocytes; Aging; Longevity; Centenarians; CD45; Immune memory **86, 173**

Ultracytochemistry; Respiratory chain; Cell aging; Defects of complex III-V; Immunohistochemistry; Monkey **86, 197**

Unsaturation; Aging; Longevity; Mitochondria; Free radicals; Fatty acids; Lipid peroxidation; Membranes; Liver **86, 53**

Vascular relaxation; Aging; G proteins; B-adrenergic receptors **86, 11**

